Journal of Immunological Methods, 140 (1991) 295–296

© 1991 Elsevier Science Publishers B.V. 0022-1759/91/$03.50

Contents to volume 140 (1991)

Number 1 – 24 June 1991

Review article

Liposomes as carriers of antigens and adjuvants
C.R. Alving (U.S.A.) 1

Research reports

Detection of tumor necrosis factor α from porcine alveolar macrophages using an L929 fibroblast bioassay
M.J. Baarsch, M.J. Wannemuehler, T.W. Molitor and M.P. Murtaugh (U.S.A.) 15

A flow cytometric method for assessing viability of intraerythrocytic hemoparasites
C.R. Wyatt, W. Goff and W.C. Davis (U.S.A.) 23

Anti-myelin-associated glycoprotein antibodies in patients with a monoclonal IgM gammopathy and polyneuropathy, and a simplified method for the preparation of glycolipid antigens
D. Burger, G. Perruisseau and A.J. Steck (Switzerland) 31

Monoclonal anti-tumor necrosis factor (TNF) antibodies protect mouse and human cells from TNF cytotoxicity
C.J. Galloway, M.S. Madanat and G. Mitra (U.S.A.) 37

The generation and characterization of human monocyte hybridomas
A. Shaked, J. Larrick, M. Fotino and L. Mayer (U.S.A.) 45

Antigen detection immunoassay using dipsticks and colloidal dyes
K. Snowden and M. Hommel (U.K.) 57

ELISA procedures for the measurement of IgG subclass antibodies to bacterial antigens
S. Ruths, P.C. Driedijk, R.S. Weening and T.A. Out (The Netherlands) 67

Increased sensitivity of an enzyme-amplified colorimetric immunoassay for protein A-bearing *Staphylococcus aureus* in foods
J.L. Brooks, B. Mirhabibollahi and R.G. Kroll (U.K.) 79

A simple ELISA procedure for HIV-1 based on the enzyme β-lactamase
H. Simon, A.V. Voronov, R. Kvetkauskaite and H. Lang (F.R.G., U.S.S.R.) 85

Simple quantitative haemolytic microassay for determination of complement alternative pathway activation (AP50)
G. Servais, J. Walmagh and J. Duchateau (Belgium) 93

Influence of target cell preparation on binding of monoclonal islet cell reactive antibodies (mc-ICRA) in cellular enzyme-linked immunosorbent assay (CELISA)
M. Schlosser, S. Witt, B. Ziegler and M. Ziegler (F.R.G.) 101

Development of transplantable ascites tumours which continuously produce polyclonal antibodies in pristane primed BALB/c mice immunized with bacterial antigens and complete Freund's adjuvant
R. Cevenini, V. Sambri, S. Pileri, G. Ratti and M. La Placa (Italy) 111

Characterization of antibodies to advanced glycosylation end products on protein
H. Nakayama, S. Taneda, T. Mitsuhashi, S. Kuwajima, S. Aoki, Y. Kuroda, K. Misawa, K. Yanagisawa and S. Nakagawa (Japan) 119

Letters to the editors

Some improvements in the reversed centrifugation method for the quantitations of cell-to-cell adhesion
J.L. Subiza, J. Gil, J.G. Ruiz de Morales, R. Rodriguez and E.G. De la Concha (Spain) 127

A novel, rapid, single-step immunochromatographic procedure for the detection of mouse immunoglobulin
J.K. Horton, S. Swinburne and M.J. O'Sullivan (U.K.) 131

Generation of antibodies against recombinant HIV-gp120 antigen through a novel immunization procedure
D.L. Matour, R.K. Clark and Z.L. Jonak (U.S.A.) 135

Book reviews 139

Announcement 142

Notes to authors 143

Number 2 – 5 July 1991

Research reports

Production and characterization of monoclonal antibodies against non-A_{1c} glycated hemoglobin
L.A. Steward, V.-Y. Wu, E. Shea and M.P. Cohen (U.S.A.) 145

Non-specific binding of anti-human IgE peroxidase-linked conjugates to legume proteins in immunoblots
A.M. Herian and S.L. Taylor (U.S.A.) 153

Simple colorimetric cell-cell adhesion assay using biotinylated lymphocytes
R. Pearce-Pratt, D.M. Phillips and A.S. Bourinbaiar (U.S.A.) 159

The use of flow cytometry to detect the biosynthesis of complement components
G. Hetland, P. Garred, T.E. Mollnes and G. Størvold (Norway) 167

Enumeration of interleukin-1 producing monocytes from human peripheral blood mononuclear leukocytes by agar plating technique
C. Hirunpetcharat, N. Maneekarn, W. Kasinrerk, V. Supajatura, K. Praputpittaya and S. Makonkawkeyoon (Thailand) 173

The consensus workshops for the detection of autoantibodies to intracellular antigens in rheumatic diseases
W.J. Van Venrooij, P. Charles and R.N. Maini (The Netherlands, U.K.) 181

Comparison of carbohydrate and peptide biotinylation on the immunological activity of IgG1 murine monoclonal antibodies
F. Miralles, Y. Takeda and M.J. Escribano (France) 191

Activation of T and B cells by a crude extract of *Artocarpus integrifolia* is mediated by a lectin distinct from jacalin
I.K. Ferreira de Miranda Santos, J. Orivaldo Mengel, Jr., M.M. Bunn-Moreno and A. Campos-Neto (Brazil) 197

Sulpho-*N*-hydroxysuccinimide activated long chain biotin. A new microtitre plate assay for the determination of its stability at different pH values and its reaction rate with protein bound amino groups
I.M. Grumbach and R.W. Veh (F.R.G.) 205

A radioimmunoassay for the determination of insulins from several animal species, insulin derivatives and insulin precursors in both their native and denatured state
S. Müllner, H. Neubauer and W. König (F.R.G.) 211

Characterisation of the in vitro responsiveness of lymphocyte subsets to locomotor stimuli by immunocytochemical methods
J.S. Ross, K. Mistry, K.B. Bacon and R.D.R. Camp (U.K.) 219

The effect of fluorescein labels on the affinity of antisera to small haptens
D.L. Colbert, S.A. Eremin and J. Landon (U.K., U.S.S.R.) 227

Affinity of monoclonal antibodies. Interpretation of the positive cooperative nature of anti-hCG/hCG interactions
R. Van Erp, T.C.J. Gribnau, A.P.G. Van Sommeren and H.P.J. Bloemers (The Netherlands) 235

Measurement of antigen specific lymphocyte proliferation using 5-bromo-deoxyuridine incorporation. An easy and low cost alternative to radioactive thymidine incorporation
P.L.T. Huong, A.H.J. Kolk, T.A. Eggelte, C.P.H.J. Verstijnen, H. Gilis and J.T. Hendriks (Vietnam, The Netherlands) 243

A crossreactive antipeptide monoclonal antibody with specificity for lysyl-lysine
L.M. Khachigian, G. Evin, F.J. Morgan, D.A. Owensby and C.N. Chesterman (Australia) 249

Evidence for polyreactivity seen with monoclonal antibodies produced against type II collagen
C. Chichester, H.-J. Barrach, A. Chichester, A. Matoney and G.R. Srinivas (U.S.A.) 259

Identification of unique murine tumor associated antigens by tumor infiltrating lymphocytes using tumor specific secretion of interferon-γ and tumor necrosis factor
R.J. Barth, Jr., J.J. Mulé, A.L. Asher, M.G. Sanda and S.A. Rosenberg (U.S.A.) 269

IL-1ra ELISA: reduction and alkylation of synovial fluid eliminates interference by IgM rheumatoid factors
M. Malyak, F.G. Joslin, E.L. Verderber, S.P. Eisenberg and W.P. Arend (U.S.A.) 281

Letter to the editors

Assessment of phagocytic activity in whole blood using laser flow cytometry
D. Gabrilovich and L. Serebrovskaya (U.S.S.R.) 289

Book reviews 292

Announcement 293

Contents to volume 140 (1991) 295

Notes to authors 297